

AUG 14 2007

In the Claims:

1. (Cancelled)

2. (currently amended) A device in a process engineering column for the guiding of liquid, said device including at least two parts made of sheet metal and releasably connected to one another,  
characterised in that a recess is arranged in one of said parts and an elevation is arranged in the other of said parts, said elevation being elastically fitted into said recess to form a latched click connection; and in that said two sheet metal parts are held in a secured position by a hook connection between said recess and said elevation, with said recess and said elevation forming at least a single pair, and said sheet metal parts having planar regions lying on top of one another in the neighborhood of said pair and further A device as set forth claim 1, characterised in that a second elevation in the shape of a shallow hoop and lying within a planar neighboring region is arranged in said other sheet metal part and a tab of said one sheet metal part is pushed in between said hoop and said planar neighbouring region.

3.(currently amended) A device in a process engineering column for the guiding ofliquid, said device including at least two parts made of sheet metal and releasablyconnected to one another,

characterised in that a recess is arranged in one of said parts and an elevation is arranged in the other of said parts, said elevation being elastically fitted into said recess to form a latched click connection; and in that said two sheet metal parts are held in a secured position by a hook connection between said recess and said

elevation, with said recess and said elevation forming at least a single pair, and  
said sheet metal parts having planar regions lying on top of one another in the  
neighborhood of said pair and further A device as set forth in claim 1,  
characterised in that said other sheet metal part has a hook-shaped recess lying  
in a plane; in that a third sheet metal part has an aperture in a planar section; in  
that said plane of said hook-shaped recess is arranged transversely to the planar  
section of said aperture; in that said third sheet metal part is hung into said hook-  
shaped recess of said other sheet metal part by said aperture; and in that said  
one sheet metal part has a slot into which said planar section of said third sheet  
metal part is pushed, with the pair consisting of said recess and of said associated  
elevation being in a hooked together state.

4. (currently amended) A device in a process engineering column for the guiding of  
liquid, said device including at least two parts made of sheet metal and releasably  
connected to one another.  
characterised in that a recess is arranged in one of said parts and an elevation is  
arranged in the other of said parts, said elevation being elastically fitted into said  
recess to form a latched click connection; and in that said two sheet metal parts  
are held in a secured position by a hook connection between said recess and said  
elevation, with said recess and said elevation forming at least a single pair, and  
said sheet metal parts having planar regions lying on top of one another in the  
neighborhood of said pair and further A device as set forth in claim 1,  
characterised in that said one sheet metal part includes a large planar area which  
merges into at least one tab with a pair of said recesses and a bending edge

extending from said tab into a strip-shaped area; in that said other sheet metal part has two hoops and two elevations associated with said recesses; and in that said one sheet metal part can be arranged in two orientations, with the strip-shaped area being directed away from said other sheet metal part in the one orientation and being directed towards said other sheet metal part in the other orientation.

5. (currently amended) A device in a process engineering column for the guiding of liquid, said device including at least two parts made of sheet metal and releasably connected to one another,

characterised in that a recess is arranged in one of said parts and an elevation is arranged in the other of said parts, said elevation being elastically fitted into said recess to form a latched click connection; and in that said two sheet metal parts are held in a secured position by a hook connection between said recess and said elevation, with said recess and said elevation forming at least a single pair, and said sheet metal parts having planar regions lying on top of one another in the neighborhood of said pair and further A device as set forth in claim 1, characterised in that a second elevation in the form of a spring elastically deflectable tab and lying within a planar neighboring region is arranged in said other sheet metal part with a flat piece of said one sheet metal part being pushed in between said tab and a planar neighboring region.

6. (original) A device as set forth in claim 5, characterised in that said one sheet metal part has a second recess opening towards a rim of said one sheet metal part in a strip-shaped region between said two recesses and into which said tab is pushed.

7. (currently amended) A fractionating column having packings and a device in accordance with any one of claims ~~1 to 6~~ 2 to 6, characterised in that the device is arranged above and/or below a packing; and in that liquid can be distributed and/or collected by means of the device.
8. (previously presented) A fractionating column as set forth in claim 7 wherein said device is a liquid distributor including at least one main passage and a plurality of secondary passages and wherein each secondary passage constitutes a third sheet metal part; wherein said other sheet metal part is a carrier beam for connecting the secondary passages and said one sheet metal part secures the carrier beam to said secondary passages.
9. (previously presented) A fractionating column as set forth in claim 7 wherein said device is a liquid distributor including at least one main passage and a plurality of secondary passages and wherein each secondary passage constitutes said other sheet metal part; and wherein said one sheet metal part is a guide member for distributing liquid from said main passage into said secondary passage.
10. (currently amended) A tray column having a device in accordance with any one of claims ~~1 to 6~~ 2 to 6, characterised in that the device is a downcomer.
11. (previously presented) In combination,
  - a first sheet metal part having at least one recess therein, and
  - a second sheet metal part disposed in overlying parallel relation to said first sheet metal part and having at least one elevation disposed in said recess of said first sheet metal part to releaseably secure said second sheet part relative to said first sheet part

and a hoop receiving said first sheet metal part therein to retain said elevation in said recess.

12. (cancelled)

13. (withdrawn) In combination

a plurality of parallel spaced apart passages for receiving liquid therein, each said passage having a pair of upstanding walls, each said wall having a pair of apertures therein;

at least one carrier beam disposed transversely of and over said walls of said passages, said beam having a pair of parallel depending walls, one of said walls of said beam having an elevation therein and each of said walls of said beam having at least a pair of hook-like recesses receiving said upstanding walls of a respective passage therein and a pair of hooks disposed in said apertures of said received wall; and

at least one sheet metal plate slidably mounted on one of said walls of said carrier beam in parallel relation to said one wall, said plate having a pair of slots receiving said walls of said respective passage therein and a recess receiving said elevation of said beam therein to releaseably secure said respective passage and said carrier beam together.

14. (withdrawn) The combination as set forth in claim 13 further comprising a hoop disposed on said carrier beam and receiving a portion of said plate with said recess therein to maintain said portion of said plate in parallel with said wall of said carrier beam.

15. (withdrawn) The combination as set forth in claim 13 wherein said plate has a pair of parallel portions, each said portion having a respective recess therein, and

wherein said one wall of said beam has a pair of said elevations thereon for reception in each respective recess.

16. (withdrawn) The combination as set forth in claim 13 further comprising a tab on said carrier beam for resiliently engaging said plate with said recess of said plate receiving said elevation of said carrier beam therein.